POWER GRIDDING SCHEME

ABSTRACT OF THE DISCLOSURE

An electrical device includes electrical contact pads, a supply voltage bus and an interconnection circuit. The electrical contact pads receive a supply voltage, and the bus is electrically connected to the electrical contact pads. For each electrical contact pad, the interconnection circuit forms a redundant connection between the bus and the electrical contact pad. The electrical device may include a passivation layer that includes windows to establish electrical contact between the electrical contact pads and the supply voltage bus. This window may be elongated in a path that is generally aligned with the path along which the supply voltage bus extends.